

ABSTRACT OF THE DISCLOSURE

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3 An automatically adjustable rear suspension. A supply of pressurized gas is pneumatically
4 connected to a valve, and at least one air shock is also pneumatically connected to the valve. A
5 pushrod is mechanically connected between a trike frame and a trike swing arm, and actuates the
6 valve in order to maintain the distance between the trike frame and the trike swing arm at a
7 factory pre-set value. Each air spring is disposed between an L arm rigidly attached to the trike
8 swing arm, and the trike frame. In the preferred embodiment, a gas shock absorber was also
9 disposed between the trike frame and the trike swing arm.